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RPTO/SB/21 (08-00)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/683,264
		Filing Date	December 5, 2001
		First Named Inventor	Sani-Rose
		Group Art Unit	1631
		Examiner Name	Channing, M.
Total Number of Pages in This Submission	5	Attorney Docket Number	018547-048820US

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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Remarks      The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.  
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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Daniel Mao	Reg No. 51,995
Signature		
Date	December 10, 2004	

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60375319 v1



PATENT  
Attorney Docket No.: 018547-048820US  
Client Reference No.: 3407.2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Michael A. Siani-Rose et al.

Application No.: 09/683,264

Filed: December 5, 2001

For: COMPUTER SOFTWARE FOR  
AUTOMATED ANNOTATION OF  
BIOLOGICAL SEQUENCES

Examiner: Mahatan Channing

Art Unit: 1631

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR §1.97 and §1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on the attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Daniel Mao  
Reg. No. 51,995

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: 650-326-2400  
Fax: 650-326-2422  
DM:crf

60213383 v1

Substitute for form 1449A/PTC		DEC 13 2004 U.S. PATENT AND TRADEMARK OFFICE	<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>			Application Number	09/683,264
			Filing Date	December 5, 2001
			First Named Inventor	Sani-Rose
			Art Unit	1631
			Examiner Name	Mahatan Channing
Sheet	1	of	2	Attorney Docket Number
018547-048820US				

Examiner Signature		Date Considered	
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60213383 v1

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				Application Number	09/683,264
				Filing Date	December 5, 2001
				First Named Inventor	Sani-Rose
				Art Unit	1631
				Examiner Name	Mahatan Channing
Sheet	2	of	2	Attorney Docket Number	018547-048820US

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	AA	ALTSCHEL et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," <u>Nuc. Acids Res.</u> , 25(17):3389-3402 (1997).		
	AB	APWEILER et al., "The InterPro database, an integrated documentation resource for protein families, domains and functional sites," <u>Nuc. Acids Res.</u> , 29(1):37-40 (2001).		
	AC	ARAVIND et al., "Gleaning Non-trivial Structural, Functional and Evolutionary Information About Proteins by Iterative Database Searches," <u>J. Mol. Biol.</u> , 287:1023-1040 (1999).		
	AD	BARKER et al., "Protein Information Resource: a community resource for expert annotation of protein data," <u>Nuc. Acids Res.</u> , 29(1):29-32 (2001).		
	AE	BARRETT et al., "Scoring hidden Markov models," <u>CABIOS</u> , 13(2):191-199 (1997).		
	AF	BATEMAN et al., "The Pfam Protein Families Database," <u>Nuc. Acids Res.</u> , 28(1):263-266 (2000).		
	AG	BIRNEY et al., "Using Genewise in the <i>Drosophila</i> Annotation Experiment," <u>Genome Research</u> , 10:547-548 (2000).		
	AH	BRENNER et al., "SCOP: A Structural Classification of Proteins Database for the Investigation of Sequences and Structures," <u>J. Mol. Biol.</u> , 247:536-540 (1995).		
	AI	GEETHA et al., "Comparing protein sequence-based and predicted secondary structure-based methods for identification of remote homologs," <u>Protein Engineering</u> , 12(7):527-534 (1999).		
	AJ	GRUNDY et al., "Meta-MEME: motif-based hidden Markov models of protein families," <u>CABIOS</u> , 13(4):397-406 (1997).		
	AK	HARGBO et al., "Hidden Markov Models That Use Predicted Secondary Structures For Fold Recognition," <u>PROTEINS: Structure, Function, and Genetics</u> , 36:68-76 (1999).		
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	AM	REESE et al., "Genie--Gene Finding in <i>Drosophila melanogaster</i> ," <u>Genome Research</u> , 10:529-538 (2000).		
	AN	SILVERSTEIN et al., "The MetaFam Server: a comprehensive protein family resource," <u>Nuc. Acids Res.</u> , 29(1):49-51 (2001).		

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